1/3/03

n.					P/PO (OR 100 A (00 (00					(0/21/0000 ONED 0/21	2021
Please type	a plus si	gn inside this box	+		PTO/SB/08A(08/00				ough I	0/31/2002, OMB 0651-	0031
ŀ								on Number	<del>↓</del>		<u>-</u> -
ł I	NFO	RMATION	DISC	ZŁO	SURE		ig Da			/31, 2003	
	TATE	EMENT B	VAD	DT T	CANT	First	Nam	ed Inventor	Leis	sing et al.	
). s						Grou	up Ar	t Unit	-		
	(L	Ise as many shee	ets as nec	cessar	y <i>)</i>	Exa	miner	Name			
Sheet				of	[8]	Atto	rney	Docket Number	375	05.0202	
	<del></del>				U.S. PATENT DOC	CUMEN	VTS	* *****			
<del> </del>							Dot	e of Publication		Pages, Columns, Lines	
Examiner	Cite	U.S. Patent Do	cument	Nom	e of Patentee or App	licent		Cited Document	•	Where Relevant	
Initials*	No. 1	Kind	Code 2	البهدر	of Cited Document			M-DD-YYYY		Passages or Relevant	
•	140. 1	Number (ij	f known)	L	of Cited Document		IVA	WI-DD+1111		Figures Appear	
LW_	1	4,830,940		Keis	ter et al.		05-1	16-1989		· · · · · · · · · · · · · · · · · · ·	
	2	4,310,609		Lian	g et al.		01-1	12-1982			
	3	6,413,669B1		Take	uchi et al.		07-0	02-2002			
	4	6,130,005		Cres	pi et al.		10-1	0-2000			
	5	6,093,506			pi et al.		07-2	25-2000			
	6	5,955,218	<u> </u>		pi et al.	·		21-1999			
	7	5,895,733			pi et al.			20-1999			
	8	5,695,892			ng et al.			9-1997			
	9	5.670,276		Takeuchi et al.			23-1997				
	10	5,567,538			an et al.			2-1996			
	11	5,558,680			uchi et al.			4-1996			
	12	5,516,340			uchi et al.			4-1996			
	13	5,512,214			bang	•		0-1996		·	
	14	5,498,495			da et al.			2-1996	*****		
	15	5,498,494			uchi et al.			2-1996			
	16	5,472,810	_		uchi et al.			15-1995		- <del></del>	
	17	5,458,997			pi et al.			7-1995		<del></del>	,
	18	5,545,497			uchi et al.		_	3-1996		· · · · · · · · · · · · · · · · · · ·	
	19	5,389,472			uchi et al.			4-1995		<del></del>	
	20	5,298,349		Take			_	9-1994	Name of	<del></del>	:-
	21	5,221,453	_ :	Cres				22-1993		· <del></del>	
	22	5,194,342		Bito				5-1993		<del>.,,</del>	
	23	4,965,151			d et al.		_	3-1990	<del></del>	<del></del>	
LW	24	4,964,877		Keisi	ter et al.		10-2	3-1990			
• .				FC	REIGN PATENT	DOCU	MEN	TS	•		
•	·		_				•	Date of Publicati	ion   1	Pages, Columns, Lines	
Examiner	Cite	Foreign Paten			Name of Pate	ntee or				Where Relevant	] .
Initials*	kind Code5		Applicant of Cited	-		MM-DD-YYY		Passages or Relevant	Т6		
		Office3 Numb	er4 (if lo	own)		<del> </del>		<del></del>		Figures Appear	7.0
· · · · · · · · · · · · · · · · · · ·	ļ	<del>   </del>	·	-			<del>_</del>			<del></del>	
<del>,</del>						·				<del></del>	
		<del> </del>		<u> </u>	<del></del>					_ <del></del>	
<del></del>		ļ	<del></del>	-	<del> </del>				$\dashv$	<del></del>	
	ļ	<del></del>	<del> </del>	+	ļ			<del></del>	$-\!\!\!+$	<del></del>	
<del></del> -			<del>-,</del>		<del></del>			<del> </del>		<del></del>	
<del></del>		<del> </del>	<del>,</del>		ļ <del>.</del>	<del></del> .				<del> </del>	<b>∤.</b> —
	ļ. ——	<del></del>		+							
		<del> </del>			<del></del>	<del></del> -	<del></del> ,	<del></del> :		<del> </del>	ļ
	L	<u> </u>		٠.	L			L		<del></del>	
Examiner	I		-:	<i>a</i>		Ď	ale	<del></del>	·	06/09/	2006

/Laura Weiner/

Signature

Considered

06/08/2006

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the twoletter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Please type	a plus s	ign inside this box +	<u> </u>	PTO/SB/08A(08/00			rough 10/31/2002, OMB 0651	-0031
		•				lication Number		
I	NFO:	RMATION D	ISCLOS	SURE		g Date	July 31, 2003	
1		EMENT BY				Named Inventor	Leising et al.	
	-	•			Grou	ip Art Unit		
· ·	(0	Use as many sheets a	is necessary,	) <u> </u>		niner Name		
Sheet	3	/	of	8	Atto	rney Docket Number	37505.0202	
		- <del></del>		U.S. PATENT DOG	PIRAIR	TRO		<del></del>
	T -	T	<del>-</del> 1	U.S. PATENT DO	TOME		Pages, Columns, Lines	
l		U.S. Patent Docum	ent .			Date of Publication	Where Relevant	
Examiner	Cite	Kind Coo	Name	of Patentee or App		of Cited Document	Passages or Relevant	
Initials*	No. 1	Number (if know	wn)	of Cited Document	`	MM-DD-YYYY	Figures Appear	
LW	25	4,803,137		aki et al.		02-07-1989	<del></del>	
	26	4,751,158	Uchiya	ama et al.		06-14-1998		
	27	4,751,157		ama ct al.		06-14-1998		
	28	4,675,260		ai et al.		06-23-1987		
	29	4,542,083	Cava e			11-17-1985		
	30	4,391,729	Liang			07-05-1983	· · · · · · · · · · · · · · · · · · ·	
	31	4,158,722	Lauck			06-19-1979	· · · · · · · · · · · · · · · · · · ·	•
	32	4,061,338	Lauck			04-05-1997		
	33	5,935,724		nan et al.	<del></del>	08-10-1999		<u>.</u>
	34	5,935,728		nan et al.		08-10-1999	· · · · · · · · · · · · · · · · · · ·	
<del>\/</del>	35	6,180,283B1	Gan et			01-30-2001	<del></del>	
<b>V</b>	36	6,558,845B1		g et al.	<del> </del>	05-06-2003	<del></del>	<del></del>
LW	37	6,566,007B1	1 akeud	chi et al.	<del>-</del>	05-20-2003	- CANAL T.	
		<del> </del>		<del></del>		<del></del>	<del></del>	
<del></del>	<del></del>	<del> </del>	<del>  </del>	<del></del> ,	<del></del>	<del></del>	<del> </del>	<del></del>
<del></del>		·:	· <del>  </del>	<del> </del>	<del></del>		<del></del>	<del></del>
		· · · · · · · · · · · · · · · · · · ·	<del></del>	<del></del>	<del></del>			<del> </del>
<del></del>			<del></del>	- TE		· · · · · · · · · · · · · · · · · · ·	<del></del>	
		-		*****				
	* VF			·		<del></del>	<del></del>	
					اجت			
			FOT	የሚያረግዱን ሙል መሙልነም ነ		A STANTON		
<del></del>	<del> </del>	T	TOT	REIGN PATENT I	nácái		Pages, Columns, Lines	<del>                                     </del>
		Foreign Patent Do	rument			Date of Publicat	IION Where Pelevent	'
Examiner	Cite		and Code5	Name of Pater		of Cited Docum	Passages or Polovent	
Initials*	No. 1	Office3 Number4		Applicant of Cited	Docum	ent MM-DD-YYY	Figures Appear	T6
					***************************************	· · · · · · · · · · · · · · · · · · ·	**	
								1
<del> </del>	<u> </u>	<del>                                     </del>	<del>`</del>			·		<u> </u>
		<u> </u>		····			<del></del>	<del> </del>
<del></del> ,	ļ	<del>                                     </del>		<del></del>	;			<u> </u>
	<b>_</b>	ļ <u> </u>		· · · · · · · · · · · · · · · · · · ·	<del></del>		- +	
		<del> </del>	╼═┼┈┼╴	<del></del>		<del>   </del>		<del> </del>
	L		<del></del>		<del></del>	<del>1</del>	<del></del>	بــــــــــــــــــــــــــــــــــــــ
Examiner			Laura We		Da	te	<del></del>	
<b>a</b> .		/.	Laura We	einer/			06/08/2006	

Considered

Signature

06/08/2006

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the twoletter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Please type	a plus s	ign inside this box +	PTO/SB/08B(08/0	<ol><li>Approved for use thr</li></ol>	ough 10/31/2002, OMB	0651-0031
		· · · · · · · · · · · · · · · · · · ·		Application Number		
1	NFO	RMATION DISC	CLOSURE	Filing Date		
				First Named Inventor		
		EMENT BY AP		Group Art Unit		
	(1	Ise as many sheets as neo	cessary)	Examiner Name		
Sheet	1		of 6	Attorney Docket Number	37505.0202	<del></del>
			-	I LITERATURE DOCUMEN		
Examiner	Cite			ETTERS), title of the article (wh		i .
Initials*	No. I			serial, symposium, catalog; etc.),		T2
<del> </del>	38			, city and/or country where publi		<del></del>
LW	THE ADER A THE ON THE DUVINGAL AND ELECTROCATION OF DECOMPTION OF ON A LEG					
LW	39 SOLID-STATE SYNTHESISAND CHARACTERIZATION OF SILVER VANADIUM OXIDE FOR USE					
LW	40	VANADIUM PENTOXII	DE GELS, J. LIVAGE, CH	EM. MATER. 1991, 3, 578-593		•
	· · · · ·					
	· .	•	1. Project 1997		•	
<u> </u>	ļ			<del></del>	•	<del> </del>
				•	•	· .
				•		
			<del></del>		· · · · · · · · · · · · · · · · · · ·	
,		• • •	i			
		· · · · · · · · · · · · · · · · · · ·	······································	<del> </del>	<del> </del>	
				•		
	7,1,1					

Examiner Signature	/Laura Weiner/ Date Considered	06/08/2006

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: The form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send to the Assistant Commissioner for Patents, Washington, DC 20231.

<sup>1</sup> Unique citation designation number. 2 Applicant is to place a check mark here if English Translation is attached.

Please type a plus sign inside the px + PTO/SB/08A(08/00)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

	A	<u> </u>		_	
Sheet	1		of	1	Г

Approved for use through 10/31/2002, OMB 0651-0031

Application Number	10/631,097
Filing Date	July 31, 2003
First Named Inventor	Leising et al.
Group Art Unit	1745
Examiner Name	L. Wein 🗫
Attorney Docket Number	37505.0202

				U.S. PATENT DOCUMEN	VTS	
Examiner	Cite	U.S. Pate	ent Document Kind Code 2	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant
Initials*	No. 1	Number	(if known)	of Cited Document	ן וווי-טט-וווו	Figures Appear
		1				
				-		
	L.—					
	ļ					
	<u> </u>	<u> </u>		<del></del>		
		ļ				
		<del> </del>				
	ļ	<del> </del>				
	<del> </del>					
	<del></del>					
	L	<u> </u>	I	<u> </u>	1	

FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No. 1	Fo Offic	reign Patent Document Kind Code5 as Number4 (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	Т6		
LW	1	EP	1 331 683 A2	Leising et al.	07-30-2003		х		
LW	2	EP	1 143 545 A1	Gan et al.	10-10-2001		Χ		
T.W	3	EP	0 638 946 A2	Takeuchi et al.	02-15-1995		Х		
LW	4	EP	1 220 342 A2	Takeuchi et al.	07-30-2002		х		
						1	i		

Examiner		Date	06/08/2006
Signature	/Laura Weiner/	Considered	<u> </u>

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.